

IFW

## TRANSMITTAL LETTER

In re application of:  
Min WAN et al.

Serial No.: 10/698,238

Filing Date: October 31, 2003

For: METHODS FOR REMOVING SUSPENDED :  
PARTICLES FROM SOLUBLE PROTEIN :  
SOLUTIONS :

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Docket: 2000.615 USD1

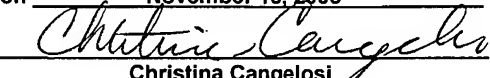
Group Art Unit:

Examiner:

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First-Class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450

on November 15, 2005

  
Christina Cangelosi

Sir:

☒ Transmitted herewith find the document(s) related to this application.

TRANSMITTAL LETTER IN DUPLICATE; INFORMATION DISCLOSURE STATEMENT; DOCUMENTS (4); CERTIFICATE OF MAILING; AND POST CARD.

☐ Applicant hereby petitions for an extension of time under 37 CFR 1.136 of:

☐ One Month (\$120.00)


☐ Two Months (\$450.00)

☐ Three Months (\$1020.00)

☐ Four Months (\$1590.00)

The total fee believed due is \$ 0.00. Please charge this amount and any other fees, which may be due (including filing fees under 37 CFR 1.16 and processing fees under 37 CFR 1.17) to Deposit Account No. 01-1350. If an extension of time is required but has not been requested above, Applicant hereby petitions for an extension of time sufficient for the attached document(s) to be timely. A duplicate copy of this sheet is enclosed.

Respectfully submitted,



F. Aaron Dubberley  
Attorney for Applicant(s)  
Reg. No. 41,001

Akzo Nobel Inc.  
Intellectual Property Dept.  
7 Livingstone Avenue  
Dobbs Ferry, NY 10522-3408  
Tel No.: (973) 325-4542



## PATENT

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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*Christina Cangelosi*  
Christina Cangelosi

### INFORMATION DISCLOSURE STATEMENT

Sir:

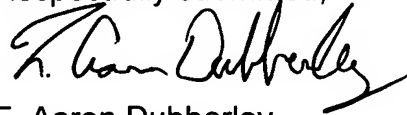
In accordance with the requirements of 37 CFR §1.56, applicants submit the documents attached hereto. Pursuant to the United States Patent and Trademark Office, OG Notice 05 August 2003, applicants have excluded copies of the twenty-eight (28) U.S. patent documents. All documents are to be made of record in the above-identified case. A listing of said documents on form PTO-1449 is also attached.

It is believed that the present Information Disclosure Statement is being filed prior to the mailing date of the First Office Action; therefore, no filing fee is believed to be required. If a filing fee is required, the Commissioner is hereby authorized to charge applicants' deposit account 01-1350 for the full amount of said fee.

This statement is not intended to represent that no better art exists. Applicants reserve the right to contest the applicability of the documents attached hereto as prior art in the event that any information is discovered which demonstrates that said documents do not qualify as prior art.

Consideration of the present Information Disclosure Statement is respectfully requested. The claimed invention is, however, deemed to represent a patentable departure from the teachings of the prior art.

Respectfully submitted,

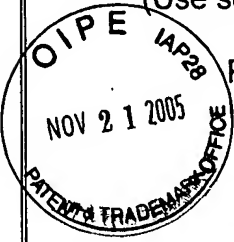
A handwritten signature in black ink, appearing to read "F. Aaron Dubberley", written in a cursive style.

F. Aaron Dubberley  
Attorney for Applicants  
Registration No.: 41,001

Akzo Nobel Inc.  
Patent and Trademark Dept.  
7 Livingstone Avenue  
Dobbs Ferry, NY 10522-3408  
(973) 325-4542

**INFORMATION DISCLOSURE CITATION**  
 (Use several sheets if necessary)

PTO-1449 (modified)



Atty. Docket #

2000.615 USD1

Serial No.

10/698,238

Applicant

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Group Art Unit

**U.S. PATENT DOCUMENTS**

Init	Document No.	Issue Date	Name	Class	Subclass	Filing Date
	5,795,745	8/18/1998	Goeddel et al.	435	69.4	
	5,714,346	2/3/1998	Udaka et al.	435	69.1	
	5,637,495	6/10/1997	Gorecki et al.	435	252.33	
	5,496,713	3/5/1996	Honjo et al.	435	69.4	
	5,334,531	8/2/1994	Del Bue et al.	435	252.31	
	4,634,677	1/6/1987	Goeddel et al.	435	317	
	4,604,359	8/5/1986	Goeddel et al.	435	253	
	4,601,980	7/22/1986	Goeddel et al.	435	70	
	4,512,922	4/23/1985	Jones et al.	260	112 R	
	6,274,371 B1	8/14/2001	Colpan	435	259	
	5,917,022	6/29/1999	Davies	530	390.1	
	5,561,064	10/1/1996	Marquet et al.	435	320.1	

**FOREIGN PATENT DOCUMENTS**

	Document No.	Publ. Date	Country	Class	Subclass	Translation	
						Y	N

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

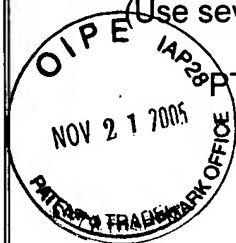
	Theodossiou et al., "The processing of a plasmid-based gene from E. Coli. Primary recovery by filtration," Bioprocess Engineering, vol. 16, pages 175-183 (1997)
	Petsch et al., "Endotoxin removal from protein solutions," Journal of Biotechnology, vol. 76, pages 97-119 (2000)
	Liu et al., "Removal of Endotoxin from Recombinant Protein Preparations," Clinical Biochemistry, vol. 30, no. 6, pages 455-463 (1997)
	Satish K. Sharma, "Endotoxin Detection and Elimination in Biotechnology," Biotechnology and Applied Biochemistry, vol. 8, pages 5-22 (1986)

**EXAMINER****DATE CONSIDERED**

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



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Init	Document No.	Issue Date	Name	Class	Subclass	Filing Date
	6,365,147 B1	4/2/2002	Luo et al.	424	93.1	
	5,747,663	5/5/1998	Colpan et al.	536	25.4	
	6,008,328	12/28/1999	Hsu et al.	530	412	
	6,468,534 B1	10/22/2002	Hennen et al.	424	157.1	
	2001/0053366 A1	12/20/2001	Mapleson et al.	424	204.1	
	3,852,496	12/3/1974	Weetall et al.	426	41	
	6,504,012 B2	1/7/2003	Mamidi et al.	530	386	
	6,162,904	12/19/2000	Mamidi et al.	530	390.1	
	6,197,571 B1	3/6/2001	Hikichi et al.	435	254.1	
	5,518,917	5/21/1996	Boyer et al.	435	252.5	
	4,000,121	12/28/1976	Garcia	260	112 B	
	3,984,539	10/5/1976	Khouw et al.	424	87	
	6,313,285 B1	11/6/2001	Butler et al.	536	25.4	
	2001/0044136 A1	11/22/2001	Lander et al.	435	91.1	
	5,656,568	8/12/1997	Shiuh et al.	502	412	
	4,460,689	7/17/1984	Foor et al.	435	172	

## FOREIGN PATENT DOCUMENTS

	Document No.	Publ. Date	Country	Class	Subclass	Translation	
						Y	N

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


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